



1

PTO/SB/08A (10-96) Approved for use thro 3/31/99, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

Sheet

	Com	plete if Known	
	Application Number	09/553,140	701
	Filing Date	April-19, 2000	-/ 1
	First Named Inventor	Michael Berman	当 JAN 1 !
	Group Art Unit	2623	3
_	Examiner Name	BALL, V	7
	Attorney Docket No.	/ 99-230	The OFFICE

	-			U.S. PATENT DOC	UMENTS	
Examiner Initials	Cite No.	U.S. Patent Number	Document Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
VB		6,247,998		Wiswesser et al.	06-19-2001	

RECEIVED JAN 2 4 2002 **Technology Center 2600**

Examiner Date signature considered

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

		1 agc 1 or 3		
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1003-0547	APPLICATION NO. 09/553,140		
OIPE	APPLICANT: Michael J. Berman			
	FILING DATE: April 20, 2000	GROUP ART UNIT: To be assigned		
JUN 0 5 2000 "J		2623		
· S				

MADE	ABL		U.S	S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
VB	AA	3,734,620	05/22/73	Cade			
1	AB	3,748,014	07/24/73	Beiser			
	AC	4,312,732	01/26/82	Degenkolb et al.			
	AD	4,374,915	02/22/83	Ahlquist et al.			
	AE	4,632,724	12/30/86	Cheseboro et al.			
	AF	4,689,491	08/25/87	Lindow et al.			
	AG	4,793,895	12/27/88	Kaanta et al.			
	AH	5,036,015	07/30/91	Sandhu et al.			
	AI	5,081,421	01/14/92	Miller et al.			
	AJ	5,151,584	09/29/92	Ebbing et al.			
7	AK	5,169,491	12/08/92	Doan		1	
<u> </u>		•	FORE	IGN PATENT DOCUMEN	rs		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
		O	THER (Including	Author, Title, Date, Pertin	ent Pages, etc.)		<u></u>
•	AQ	1	<u> </u>				
	AR	1					
	AS	1					
EXAMINER		1 1	M	al	DATEC	CONSIDERED	4/02
EXAMINER: conformance a	Initial if r	eference considered, sidered. Include con	whether or not ci	tation is in conformance with th next communication to App	MPEP 609. Draw lin	ne through ditation	n if not in

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

/	0	IPE	7
BEE	NUL	0 5 2000	798 301 101
B	6	7 6	7

ATTY. DOCKET NO. 1003-0547 APPLICATION NO. 09/553,140

APPLICANT: Michael J. Berman

FILING DATE: April 20, 2000

GROUP ART UNIT: To be assigned:

2623

	<u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	RADEMARKE					
		OE NO	U.S	. PATENT DOCUMENT	S		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
1/2	AA	5,196,353	12/08/92	Doan			
1	AB	5,222,329	06/29/93	Yu			
	AC	5,240,522	08/31/93	Yu et al.			
	AD	5,245,790	09/21/93	Jerbic			
	AE	5,245,794	09/21/93	Salugsugan			
	AF	5,258,093	11/02/93	Maniar			
	AG	5,265,378	11/30/93	Rostoker			
	AH	5,271,798	12/21/93	Sandhu et al.			
	AI	5,272,115	12/21/93	Sato			
	AJ	5,308,438	05/03/94	Cote et al.			
	AK	5,310,455	05/10/94	Pasch et al.		7	
	•	•	FORE	IGN PATENT DOCUME	ENTS	· 1	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO					-	Yes No
	AP						Yes No
		O '	THER (Including	Author, Title, Date, Pert	tinent Pages, etc.)		<u> </u>
	AQ	2	, ,	, , ,			
	AR	2	•				
	AS	2	1.				
EXAMINER	<u></u>	<u> </u>	//_/		DATE	CONCIDENCE	
EXAMINEK		6	7/ 0		DATE	CONSIDERED $U/U/U$	03
EXAMINER: conformance an	Initial if r d not con	eference considered sidered. Include cor	whether or not ci	tation is in conformance with next communication to A	ith MPEP 609. Draw li	ne through citatio	n if not in

FORM PTO-1449						
INFORMATION DISCLOSURE STATEMENT						

ATTY. DOCKET NO. 1003-0547

APPLICATION NO. 09/553,140

APPLICANT: Michael J. Berman

FILING DATE: April 20, 2000

GROUP ART UNIT: To be assigned-

2-623

U.S. PATENT DOCUMENTS			E S	9	<u> </u>			
DOCUMENT NUMBER NAME CLASS SUB-CLASS FILING DATE			RADEMARKS	U.S	. PATENT DOCUMENTS	3		
AB			DOCUMENT	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AC 5,362,669 11/08/94 Boyd et al.	Vb	AA	5,321,304	06/14/94	Rostoker	1		
AD 5,385,866 01/31/95 Bartush	i -	AB	5,337,015	08/09/94	Lustig et al.			
AE 5,389,194 02/14/95 Rostoker et al.		AC	5,362,669	11/08/94	Boyd et al.			
AF 5,399,234 03/21/95 Yu et al.		AD	5,385,866	01/31/95	Bartush			
AG S,403,228		AE	5,389,194	02/14/95	Rostoker et al.			
AH 5,405,806 04/11/95 Pficsier et al.		AF	5,399,234	03/21/95	Yu et al.			
AI		AG	5,403,228	04/04/95	Pasch			
AJ		AH	5,405,806	04/11/95	Pfiester et al.			
AK 5,483,568 01/09/96 Yano et al.		AI	5,439,551	08/08/95	Meikle et al.			
EXAMINER INITIAL DOCUMENT NUMBER AL AL AM AM AN AO AO AP CHECK PATENT DOCUMENTS CLASS SUB-CLASS TRANSLATION Yes No Yes No AP CHECK PATENT DOCUMENTS TRANSLATION Yes No AP CHECK PATENT DOCUMENTS TRANSLATION Yes No AP AN AN AN AN AN AN AN AN AN		AJ	5,449,314	09/12/95	Meikle et al.			
EXAMINER NITIAL DOCUMENT NUMBER AL AL AM AM AN AN AO AP OTHER (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes No Yes No AP TRANSLATION Yes No AP AR AP AR AR AR AR AS AS AS DATE CONSIDER PD AR AR AR AR AR AR AR AR AR A	N	AK	5,483,568	01/09/96	Yano et al.			
NITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION NUMBER AL Yes No AM Substituting Translation No AM Substitut	4	• · · · · · · · · · · · · · · · · · · ·		FORE	IGN PATENT DOCUME	NTS \	*	
No				DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AN		AL						
No	:	AM						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AQ 3 AR 3 AS 3 EXAMINER DATE CONSIDERED 4/4/03		AN						
AP OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AQ 3 AR 3 AS 2 EXAMINER DATE CONSIDERED 4/14/03		AO						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AQ		AP						Yes
AQ 3 AR 3 AS 2 EXAMINER DATE CONSIDERED 4/14/03		<u>i</u>	0'	 THER (Including	 2 Author, Title, Date, Perti	inent Pages, etc.)		110
AR 3 AS 3 EXAMINER DATE CONSIDERED 4/4/03		AO	13	/	,,,,		·	
EXAMINER DATE CONSIDERED 4/4/03								
EXAMINER DATE CONSIDERED 4/14/03		AR	3					
4/14/03		AS	3				<u>.</u>	
EXAMINER : Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		<u> </u>		Kal	ĵ.		4/14	/03
	EXAMINER: conformance as	Initial if r	eference considered, sidered. Include cor	whether or not ci	tation is in conformance with next communication to A	th MPEP 609. Draw lii pplicant.	ne through citatio	n if not in

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1003-0547 APPLICATION NO. 09/553,140

APPLICANT: Michael J. Berman

FILING DATE: April 20, 2000

GROUP ART UNIT: #To be assigned

2623

		L.	DEMARY	9							
	<u> </u>		ADEMA		U.S	S. PATENT DOCUMENTS					
EXAMI INITIAL			DOCUM NUMBEI		DATE	NAME	CLA	.ss	SUB-	CLASS	FILING DATE
V	15	AA	5,492,594	1	02/20/96	Burke et al.		\top		- Ji	
		AB	5,516,400)	05/14/96	Pasch et al.					
		AC	5,531,861	1	07/02/96	Yu et al.				7	
		AD	5,559,428	3	09/24/96	Li et al.				1	
-		AE	5,561,541	l	10/01/96	Sharp et al		\neg		1	
		AF	5,595,526	5	01/21/97	Yau et al.					
		AG	5,597,442	2	01/28/97	Chen et al.		_			
,,,,		AH	5,597,590)	01/28/97	Tanimoto et al.					
		AI	5,609,511	l	03/11/97	Moriyama et al.					
		AJ	5,614,446	5	03/25/97	Ramaswami et al.		1			
		AK	5,624,304	1	04/29/97	Pasch et al.		\exists			
					FORE	IGN PATENT DOCUMENT	rs				
EXAMI INITIAI			DOCUM NUMBE		DATE	COUNTRY	CLA	SS	SUB-	CLASS	TRANSLATION
		AL									Yes No
		AM									Yes No
		AN									Yes No
		AO									Yes No
		AP									Yes No
				OT	HER (Includin	g Author, Title, Date, Pertine	ent Pages, etc.)	_i		
		AQ	4			.,					
		AR	4								
		AS	4		11				· ,		
EXAMI	NER	<u> </u>	<u> </u>		Kal	fî.	D	ATE (CONSID	ered /	03
EXAMI conform	INER: I	nitial if r	eference con sidered. Inc	sidered, v	whether or not co	itation is in conformance with th next communication to App	MPEP 609. D	raw li	ne throu	gh citatio	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1003-0547	APPLICATION NO. 09/553,140		
OIPE	APPLICANT: Michael J. Berman			
	FILING DATE: April 20, 2000	GROUP ART UNIT: To be assigned		
S 2000 S		2623		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				

			W DEMAS	U.S	. PATENT DOCUMENTS			r
XAMINE NITIAL	ER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	5	AA	5,626,715	05/06/97	Rostoker			
ر ∨ ۲		AB	5,627,110	05/06/97	Lee et al.			
		AC	5,637,185	06/10/97	Murarka et al.			
		AD	5,639,388	06/17/97	Kimura et al.			
		AE	5,643,046	07/01/97	Katakabe et al.			
		AF	5,643,050	07/01/97	Chen			
		AG	5,644,221	07/01/97	Li et al.			
		AH	5,645,682	07/08/97	Skovan			
		AI	5,647,952	07/15/97	Chen			
	1	AJ	5,656,229	08/12/97	Tanimoto et al.			
	/	AK	5,658,183	08/19/97	Sandhu et al.	j		
- /			<u> </u>	FORE	IGN PATENT DOCUMEN	rs		
XAMINE VITIAL	ER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
		AL						Yes No
		AM						Yes No
· · · · · ·		AN						Yes No
		AO						Yes No
		AP						Yes
		<u> </u>					1	No
		1.0		THER (Including	g Author, Title, Date, Pertin	ent Pages, etc.)		
		AQ	5					
		AR	5					
		AS	5					
EXAMINE	ER			Mali.		DATE	CONSIDERED	4/03
XAMIN	ER: I	nitial if re	eference considered.	whether or not ci	tation is in conformance with	MPFP 609 Draw li	ne through citation	n if not in

		Page 6 of 9
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1003-0547	APPLICATION NO. 09/553,140
OIPE	APPLICANT: Michael J. Berman	
/ <u> </u>	FILING DATE: April 20, 2000	GROUP ART UNIT: To be assigned
JUN 0 5 2000 🗒		2623
E CONTRACTOR OF THE PARTY OF TH		
U.S.	PATENT DOCUMENTS	

			DEMARK OV U.S	. PATENT DOCUMENTS	Ţ.ŧ ···		
XAMINER NITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
VB	AA	5,660,672	08/26/97	Li et al.		1 7:	
- 	AB	5,663,101	09/02/97	Cronin			
	AC	5,663,797	09/02/97	Sandhu			
	AD	5,664,987	09/09/97	Renteln			
	AE	5,667,424	09/16/97	Pan			
	AF	5,667,433	09/16/97	Mallon			
	AG	5,667,629	09/16/97	Pan et al.			
	AH	5,668,063	09/16/97	Fry et al.			
	AI	5,670,410	09/23/97	Pan			
	AJ	5,672,091	09/30/97	Takahashi et al.			
-1	AK	5,674,784	10/07/97	Jang et al.			
-			FORE	IGN PATENT DOCUMEN	rs		•
XAMINER NITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
<u>-</u>	AM						Yes No
<u> </u>	AN						Yes
	AO						Yes
	AP						Yes No
		0'	THER (Including	g Author, Title, Date, Pertin	ent Pages, etc.)		
	AQ	6		**			
	AR	6					
	AS	6					
CVAMPIER			AA	1	DATE	COMMUNEDED !	
XAMINER			Mank	,	DATE	CONSIDERED	4/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

		i ago		
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1003-0547	APPLICATION NO. 09/553,140		
OIPE	APPLICANT: Michael J. Berman			
Will a September 1	FILING DATE: April 20, 2000	GROUP ART UNIT: To be assigned		
JUN 0 5 2000 (S)		2623		

	.	MOFMARIA	11.8	. PATENT DOCUMENTS	8		
		- T	0.5	. FATENT DOCUMENTS			1
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
1/05	AA	5,691,253	11/25/97	Kobayashi	1	1 7	
V	AB	5,695,660	12/09/97	Litvak	1	1 7	
	AC	5,700,180	12/23/97	Sandhu et al.			
	AD	5,702,292	12/30/97	Brunelli et al.			
	AE	5,704,987	01/06/98	Huynh et al.			
	AF	5,705,320	01/06/98	Hsu et al.			
	AG	5,705,435	01/06/98	Chen			
	AH	5,710,076	01/20/98	Dai et al.			
	AI	5,712,185	01/27/98	Tsai et al.			
	AJ	5,716,873	02/10/98	Prall et al.			
	AK	5,720,845	02/24/98	Liu			
	- *		FORE	IGN PATENT DOCUME	NTS	· ;	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
······································		<u> </u>	 THER (Including	 g Author, Title, Date, Pert	inent Pages, etc.)		
	AQ	7		· · · · · · · · · · · · · · · · · · ·			
	AR	7					
	AS	Z	11				
EXAMINER			Mali	^	DATE C	CONSIDERED	14/03
EXAMINER:	Initial if re	eference considered	whether or not ci	tation is in conformance wi	th MPEP 609 Draw lin	ne through citation	n if not in

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1003-0547	APPLICATION NO. 09/553,140
OIPE	APPLICANT: Michael J. Berman	
JUN 0 5 2000 G	FILING DATE: April 20, 2000	GROUP ART UNIT: Torbe assigned 2623
RADEMARK O		

			U.S	. PATENT DOCUMENTS		·-··	
EXAMINI INITIAL	ER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
VB	, AA	5,722,875	03/03/98	Iwashita et al.			
- '	AB	5,722,877	03/03/98	Meyer et al.			
	AC	5,725,417	03/10/98	Robinson			
	AD	5,736,462	04/07/98	Takahashi et al.			
	AE	5,738,567	04/14/98	Manzonie et al.			
	AF	5,741,171	04/21/98	Sarfaty et al.		1 1	
	AG	5,747,380	05/05/98	Yu et al.			
	AH	5,755,614	05/26/98	Adams et al.			
	AI	5,762,536	06/09/98	Pant et al.			
1	AJ	5,762,537	06/09/98	Sandhu et al.			
	AK	5,777,739	07/07/98	Sandhu et al.			
-			FORE	IGN PATENT DOCUMEN	NTS		
EXAMINI INITIAL	ER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM	1					Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
			 DTHER (Including	Author, Title, Date, Perti	nent Pages, etc.)		<u> </u>
	AQ	8					
	AR	8]
	AS	8		4			
EXAMINI			Mo	b		CONSIDERED	4/03
conformar	ER: Initial nee and not o	it reterence considere considered. Include c	a, whether or not ci opy of this form wi	tation is in conformance wit th next communication to Ap	n MPEP 609. Draw lii pplicant.	ne through citation	n ir not in

	INFORMAT	FORM PTO-1449 ION DISCLOSURE STA	ATEMENT	ATTY, DOCKET NO. 1003-0547	A	APPLICATION NO. 09/553,140		
			OIPE	APPLICANT: Michael J. Berman				
			JUN 0 5 2000 CRADEMARY U.S	FILING DATE: April 20, 20	000	GROUP ART UNIT: To be assigned 2623		
			TRADEMARY.	. PATENT DOCUMENTS				
EXAMINER			0.8	, PATENT DOCUMENTS				
INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
\/II	AA	5,795,495	08/18/98	Meikle	- 1			
· • /	AB	5,861,055	01/19/99	Allman et al.				
	AC	5,865,666	02/02/99	Nagahara				
	AD	5,868,608	02/09/99	Allman et al.				
	AE	5,882,244	03/16/99	Hiyama et al.				
	AF	5,882,251	03/16/99	Berman et al.				
	AG	5,888,120	03/30/99	Doran				
	AH	5,893,756	04/13/99	Berman et al.				
	Al	5,931,719	08/03/99	Nagahara et al.				
	AJ	5,948,697	09/07/99	Hata				
	AK	5,957,757	09/28/99	Berman				
			FORE	IGN PATENT DOCUMENT	rs		•	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL						Yes No	
	AM						Yes	
							No	
	AN						Yes No	
	AO						Yes	
							No	
	AP						Yes No	
 		o	THER (Including	g Author, Title, Date, Pertine	ent Pages, etc.)			
	AQ	2	·					
	AR	2				_		
	AS	2						
			Δ	1				
EXAMINER			All and	1	DATE	CONSIDERED	11/1/2	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.